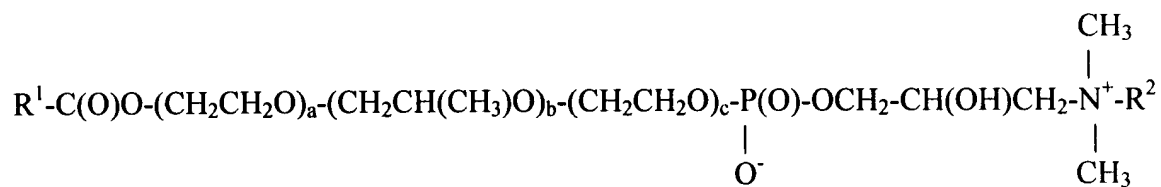


Claims

1. An ester phosphobetaine conforming to the following structure;



wherein;

R¹ is alkyl or alkylene having between 7 and 21 carbon atoms;

a, b and c are each independently integers ranging from 0 to 20, with the proviso that

a + b + c be equal to or greater than 1;

R² is selected from the group consisting of;

alkyl having 7 to 21 carbon atoms

and



R³ is alkyl having 7 to 21 carbon atoms.

2. An ester phosphobetaine of claim 1 wherein R^2 alkyl having 7 to 21 carbon atoms.
3. An ester phosphobetaine of claim 1 wherein R^2 is $R^3-C(O)-N(H)-(CH_2)_3-$.
4. An ester phosphobetaine of claim 2 wherein R^1 is $C_7 H_{17}$.
5. An ester phosphobetaine of claim 2 wherein R^1 is $C_9 H_{19}$.
6. An ester phosphobetaine of claim 2 wherein R^1 is $C_{11} H_{23}$.
7. An ester phosphobetaine of claim 2 wherein R^1 is $C_{13} H_{27}$.
8. An ester phosphobetaine of claim 2 wherein R^1 is $C_{15} H_{31}$.
9. An ester phosphobetaine of claim 2 wherein R^1 is $C_{17} H_{35}$.
10. An ester phosphobetaine of claim 2 wherein R^1 is $C_{19} H_{39}$.
11. An ester phosphobetaine of claim 2 wherein R^1 is $C_{21} H_{43}$.
12. An ester phosphobetaine of claim 3 wherein R^1 is $C_7 H_{17}$.
13. An ester phosphobetaine of claim 3 wherein R^1 is $C_9 H_{19}$.
14. An ester phosphobetaine of claim 3 wherein R^1 is $C_{11} H_{23}$.
15. An ester phosphobetaine of claim 3 wherein R^1 is $C_{13} H_{27}$.
16. An ester phosphobetaine of claim 3 wherein R^1 is $C_{15} H_{31}$.
17. An ester phosphobetaine of claim 3 wherein R^1 is $C_{17} H_{35}$.
18. An ester phosphobetaine of claim 3 wherein R^1 is $C_{19} H_{39}$.
19. An ester phosphobetaine of claim 3 wherein R^1 is $C_{21} H_{43}$.